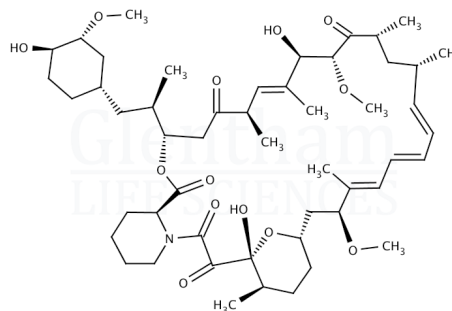


Certificate of Analysis

Product Name Rapamycin
Glentham Code GA7417
CAS Number 53123-88-9
MDL Number MFCD00867594
PubChem SID 310279616
Batch Number 625PBM

Molecular Weight 914.17
Molecular Formula $C_{51}H_{79}NO_{13}$
Storage Temp. -20°C



Property	Specification	Batch 625PBM
Physical Description	White to yellow crystalline powder	Almost white crystalline powder
Solubility (0.5% in chloroform)	Clear, colourless or pale yellow solution	Clear, colourless solution
Specific Optical Rotation	-145.0 - -155.0 ° (c=0.2, methanol)	-148.3°
Residue on Ignition	≤ 0.2%	< 0.1%
Water	≤ 2.0%	0.5%
Assay	98.0 - 102.0 % (anhydrous basis)	98.8%

Specification Version v1.1
Manufacture Date 2024-03-26
Re-Test Date 2031-05-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025